

Technical Data Sheet

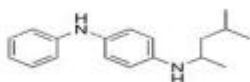


荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber Antioxidant 6PPD (4020)

Chemical Name: N-(1, 3-dimethylbutyl)-N'-phenylp-phenylenediamine
structure:



Molecular Formula: C₁₈H₂₄N₂

Molecular Weight: 268.4

CAS NO.: 793-24-8

Specification:

Item	Standards
Appearance	gray-purple to purple-brown particles or flakes
Initial M.P. °C≥	45
Loss on drying % ≤	0.50
Ash % ≤	0.20
density, g/cm ³	0.99

Properties: RXX antioxidant4020is gray-purple to purple-brown particles or flakes. Soluble in benzene, acetone, toluene, etc., insoluble in water. Unstable at room temperature, avoid contact with strong oxidants, strong acids, and strong bases.

Application: is mainly used in natural rubber and synthetic rubber. It is a kind of polluting anti-aging agent in p-phenylenediamine anti-aging agent. In addition to having good anti-oxidation efficiency, it has excellent protection efficiency against ozone cracking and flex fatigue. Its performance and antioxidant4010NAis similar, but its toxicity and skin irritation ratio4010NAis smaller, and the solubility in water is better than that in water.4010NA. It is widely used in the preparation of industrial rubber products such as airplanes, bicycles, automobile tires, wires and cables, tapes, etc. The general dosage is0.5-1.5%. This product is not suitable for making light-colored products due to serious pollution. P-phenylenediamine antioxidant is the main excellent variety commonly used in rubber industry at home and abroad, and it is also the development direction of antioxidant in the future.

Packaging: composite paper bag, lined with plastic film bag, net weight25kg; Per Torr500kg.

Storage: sealed and stored in a cool, dry and well-ventilated place. Avoid direct sunlight.

Technical Data Sheet (TDS) Version 2.0

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